

Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1 – 7. (Cancelled)

8. (Currently Amended) A slot antenna, comprising:
slots formed on a top and a bottom of a dielectric substrate;
ground surfaces formed on the top and the bottom as a structure for defining the slots; and
~~a microstrip feed line formed to be electrically isolated from the ground surface on the top of the dielectric substrate, to be electrically connected through connection units to the ground surface on the bottom of the dielectric substrate, and to be crossed with the slots formed on the bottom of dielectric substrate~~
a microstrip feed line formed on the top of the dielectric substrate, and electrically isolated from the ground surface on the top of the dielectric substrate, and
a connection unit connecting the microstrip feed line and the ground surface on the bottom of the dielectric substrate,
wherein a portion of the microstrip feed line is overlapped with the slots formed on the bottom of the dielectric substrate.

9 - 15. (Cancelled)

16. (Original) The slot antenna, according to claim 8, wherein the electric fields on the top and the bottom of the dielectric substrate are generated in the same direction.